

| Proteins identified from PTP-P34 purification<br>non-ribosomal proteins |                        |                                  |                                  |  |   |
|---|------------------------|----------------------------------|----------------------------------|--|---|
| Protein Name<br>(From Tb927 DB)   | Peptides<br>Identified | Unique<br>peptides<br>identified | Amino<br>acid<br>coverage<br>(%) | Protein                                      | Comments  |
| Tb927.11.14020  | 24                     | 11                               | 40.10%                           | TbP34/P37                                    |   |
| Tb927.6.1470  | 7                      | 7                                | 22.00%                           | Hypothetical protein                         |   |
|   |                        |                                  |                                  | RNA binding protein                          | Part of RRM<br>superfamily<br>and contains<br>two |
| Tb927.2.4710  | 7                      | 7                                | 19.00%                           |  | Zf-CCHC   |
| Tb927.9.6870  | 3                      | 2                                | 14.20%                           | RNA binding<br>protein                       | Ribose<br>operon<br>repressor                     |
| Tb927.10.14680  | 6                      | 4                                | 14.00%                           | Ribosome<br>biogenesis protein               | BRX1  |
| Tb927.8.2330  | 3                      | 2                                | 11.10%                           | Hypothetical protein                         |   |
| Tb927.11.3120   | 5                      | 5                                | 8.40%                            | NOG1 (nucleolar<br>GTP-binding<br>protein 1) |   |
| Tb927.3.5400  | 4                      | 4                                | 8.00%                            | Hypothetical protein                         |   |
| Tb927.7.700   | 3                      | 3                                | 5.60%                            | Hypothetical protein                         | Nucleolar<br>protein 10                           |